

# **ABSTRACT**

A method for estimating an SNR - related parameter, such as  $E_s/N_0$ , from one or more symbols. The number of symbols within a predetermined number of symbols  
5 that fall within one or more collection areas is counted. The count is then associated with a value of the SNR - related parameter. This association may be performed through one or more lookup tables. In one application, a scaling factor is derived from the count. The scaling factor may be used to scale symbols before they are quantized and inputted into a trellis decoder such as a log-MAP decoder.